

## APPENDIX A

### Bibliography

1. Oral Health in America: A Report of the Surgeon General Executive Summary (2000) (published by the U.S. Department of Health & Human Services).
2. Z. Al-Yahfoufi, et al., The effect of plaque control in subjects with shallow pockets and high prevalence of periodontal pathogens, 22 J. Clin. Periodontol. 78-84 (1995).
3. P. Axelsson & J. Lindhe, Effect of controlled oral hygiene procedures on caries and periodontal disease in adults, 8 J. Clin. Periodontol. 239-248 (1981).
4. P. Axelsson & J. Lindhe, The significance of maintenance care in the treatment of periodontal disease, 8 J. Clin. Periodontol. 281-294 (1981).
5. D. Beighton & S.R. Brailsford, Plaque Microbiology of Root Caries, *in* (H.N. Newman & M. Wilson, eds.) Dental Plaque Revisited 295-312 (1999).
6. M. Beltrami, et al., The effect of supragingival plaque control on the composition of the subgingival microflora in human periodontitis, 14 J. Clin. Periodontol. 161-164 (1987).
7. G.H.W. Bowden & I.R. Hamilton, Survival of Oral Bacteria, 9(1) Critical Rev. Oral Biol. Med. 54-85 (1998).
8. L. Braatz, et al., Antimicrobial irrigation of deep pockets to supplement non-surgical periodontal therapy, 12 J. Clin. Periodontol. 630-638 (1985).
9. H.J. Busscher, et al., On the relative importance of specific and non-specific approaches to oral microbial adhesion, 88 FEMS Microbiol. Revs. 199-210 (1992).
10. H.J. Busscher, et al., Initial microbial adhesion is a determinant for the strength of biofilm adhesion, 128 FEMS Microbiol. Lett. 229-234 (1995).
11. C.M. Cobb, Modern Methods for the Mechanical Control of Subgingival Plaque, *in* (H. N. Newman & M. Wilson, eds.) Dental Plaque Revisited 457-502 (1999).
12. J.W. Costerton, et al., Minireview: Biofilms, the customized microniche, 176 J. of Bacteriol. 2137-2142 (Apr. 1994).
13. J.W. Costerton, et al., Microbial biofilms, 49 Annual Rev. Microbiol. 711-743 (1995).
14. D. Cummins, Vehicles: How to deliver the goods, 15 Periodontol 2000 84-99 (1997).
15. G. Dahlén, et al., The effect of supragingival plaque control on the subgingival microbiota in subjects with periodontal disease, 19 J. Clin. Periodontol. 802-809 (1992).

16. R.P. Darveau, et al., The microbial challenge in periodontitis, 14 Periodontol. 2000 12-32 (1997).
17. C.W. Douglass & C.H. Fox, Cross-sectional studies in periodontal disease: Current status and implications for dental practice, 7 Adv. Dent. Res. 25-31 (1993).
18. C.H. Drisko, Non-antibiotic Plaque Chemotherapy, *in* (H. N. Newman & M. Wilson, eds.) Dental Plaque Revisited 523-548 (1999).
19. S. Eick & W. Pfister, Comparison of microbial cultivation and a commercial nucleic acid based method for detection of periodontopathogenic species in subgingival plaque samples, 29 J. Clin. Periodontol. 638-644 (2002).
20. R.J. Gibbons, Bacterial adhesion to oral tissues: A model for infectious diseases, 68(5) J. Dent. Res. 750-760 (May 1989).
21. G. Greenstein, Periodontal response to mechanical non-surgical therapy: A review, 63 J. Periodontol. 118-130 (1992).
22. G. Greenstein & A. Polson, The role of local drug delivery in the management of periodontal diseases: A comprehensive review, 69 J. Periodontol. 507-520 (1998).
23. G.S. Griffiths, et al., Associations between volume and the rate of gingival crevicular fluid and clinical assessments of gingival inflammation in a population of British male adolescents, 19 J. Clin. Periodontol. 464-470 (1992).
24. A.D. Haffajee, et al., Plaque Microbiology in Health and Disease, *in* (H.N. Newman & M. Wilson, eds.) Dental Plaque Revisited 255-282 (1999).
25. J.M. Hardie & R.A. Whiley, Plaque Microbiology of Crown Caries, *in* (H.N. Newman & M. Wilson, eds.) Dental Plaque Revisited 283-294 (1999).
26. M.K. Hellström, et al., The effect of supragingival plaque control on the subgingival microflora in human periodontitis, 23 J. Clin. Periodontol. 934-940 (1996).
27. W.B. Kaldahl, et al., Long-term evaluation of periodontal therapy: II. Incidence of sites breaking down, 67 J. Periodontol. 103-108 (1996).
28. T. Katsanoulas, et al., The effect of supragingival plaque control on the composition of the subgingival flora in periodontal pockets, 19 J. Clin. Periodontol. 760-765 (1992).
29. P. Kho, et al., The effect of supragingival plaque control on the subgingival microflora, 12 J. Clin. Periodontol. 676-686 (1985).
30. H.M. Klimisch & G. Chandra, Use of Fourier transform infrared spectroscopy with attenuated total reflectance for *in vivo* quantitation of polydimethylsiloxanes on human skin, 37 J. Soc. Cosmet. Chem. 73-87 (March/April 1986).

31. J.W. Knowles, et al., Results of periodontal treatment related to pocket depth and attachment level. Eight years, 50(5) J. Periodontol. 225-233 (1979).
32. P.E. Kolenbrander & J. London, Minireview: Adhere today, here tomorrow: Oral bacterial adherence, 175 J. Bacteriol. 3247-3252 (1993).
33. W.F. Liljemark & C. Bloomquist, Human oral microbial ecology and dental caries and periodontal diseases, 7(2) Crit. Rev. Oral Biol. Med. 180-198 (1996).
34. J. Lindhe & S. Nyman, The effect of plaque control and surgical pocket elimination on the establishment and maintenance of periodontal health. A longitudinal study of periodontal therapy in cases of advanced disease, 2 J. Clin. Periodontol. 67-69 (1975).
35. J. Lindhe & S. Nyman, Long-term maintenance of patients treated for advanced periodontal disease, 11 J. Clin. Periodontol. 504-514 (1984).
36. M.A. Listgarten, Formation of Dental Plaque and Other Oral Biofilms, *in* (H.N. Newman & M. Wilson, eds.) Dental Plaque Revisited 187-210 (1999).
37. M.A. Listgarten, et al., Development of dental plaque on epoxy resin crowns in man, 46 J. Periodontol. 10-26 (1975).
38. H. Loe, et al., Experimental gingivitis in man, 36 J. Periodontol. 177-187 (1965).
39. I. Magnusson, et al., Recolonization of a subgingival microbiota following scaling in deep pockets , 11 J. Clin. Periodontol. 193-207 (1984).
40. P.D. Marsh, Microbial ecology of dental plaque and its significance in health and disease, 8(2) Adv. Dent. Res. 263-271 (July 1994).
41. P.D. Marsh, Ecological plaque hypothesis, 87 Proc. Finn. Dent. Soc. 515-525 (1991).
42. P.D. Marsh, Host defenses and microbial homeostasis: Role of microbial interactions, 68 (Special Issue) J. Dent. Res. 1567-1575 (1989).
43. P.D. Marsh, Plaque as a biofilm: Pharmacological principles of drug delivery and action in sub- and supragingival environment, 9 (Supp. 1) Oral Diseases. 16-22 (June 2003).
44. P.D. Marsh & D.J. Bradshaw, Physiological approaches to the control of oral biofilms, 11(1) Adv. Dent. Res. 176-185 (Apr. 1997).
45. P.D. Marsh & D.J. Bradshaw, Microbial Community Aspects of Dental Plaque, *in* (H.N. Newman & M. Wilson, eds.) Dental Plaque Revisited 237-253 (1999).
46. P.D. Marsh & D.J. Bradshaw, Dental plaque as a biofilm, 15 J. Ind. Microbiol. 169-175 (1995).

47. R. MacAlpine, et al., Antimicrobial irrigation of deep pockets to supplement oral hygiene instruction and root debridement, 12 J. Clin. Periodontol. 568-577 (1985).
48. L.V. McFarland, Normal flora: Diversity and functions, 12 Microbial Ecol. in Health & Disease 193-207 (2000).
49. W.D. McHugh, Opening Address to the Symposium: Dental Plaque: Thirty Years On, in (H.N. Newman & M. Wilson, eds.) Dental Plaque Revisited 1-4 (1999).
50. H. McNabb, et al., Supragingival cleaning 3 times a week, 19 J. Clin. Periodontol. 348-356 (1992).
51. N.J. Mordan, et al., The Apical Plaque Border in Health and Disease, in (H.N. Newman & M. Wilson, eds.) Dental Plaque Revisited 343-374 (1999).
52. W.E.C. Moore & L.V.H. Moore, The bacteria of periodontal disease, 5 Periodontol. 2000 66-77 (1994).
53. T. Mousques, et al., Effect of scaling and root planning on the composition of the human subgingival microbial flora, 15 J. Periodontol. Res. 144-151 (1980).
54. R.F. Mueller, et al., Characterization of initial events in bacterial surface colonization by two pseudomonas species using image analysis, 39 Biotech. Bioeng. 1161-1170 (1992).
55. H.N. Newman, The organic films of enamel surface, Brit. Dent. J. 64-67 (1973).
56. H.N. Newman, Plaque and chronic inflammatory periodontal disease, 17 J. Clin. Periodontol. 533-541 (1990).
57. S. Nyman & J. Lindhe, A longitudinal study of combined periodontal and prosthetic treatment of patients with advanced periodontal disease, 50(4) J. Periodontol. 163-169 (1979).
58. S. Offenbacher, Periodontal diseases: Pathogenesis, 1 Ann. Periodontol. 821-879 (1996). - -
59. S. Offenbacher, et al., Periodontal infection as a possible risk factor for preterm low birth weight, 67 J. Periodontol. 1103-1113 (1996).
60. R.C. Page, et al., Advances in the pathogenesis of periodontitis: Summary of developments, clinical implications and future directions, 14 Periodontol. 2000 216-248 (1997).
61. P.N. Papapanou, et al., Current and future approaches for diagnosis of periodontal disease, NY State Dent. J. 32-37 (1999).

62. V. Pedrazzoli, et al., Effect of surgical and non-surgical periodontal treatment on periodontal status and subgingival microbiota, 18 J. Clin. Periodontol. 598-604 (1991).
63. American Academy of Periodontology's Ad Interium Committee, Periodontal therapy: A summary status report 1987-1988, 59 J. Periodontol. 306-310 (1988).
64. M. Quirynen, The clinical meaning of the surface roughness and the surface free energy of intra-oral hard substrata on the microbiology of the supra and subgingival plaque: Results of *in vitro* and *in vivo* experiments, 22 (Supp. 1) J. Dent., S13-S16 (1994).
65. M. Quirynen & C.M.L. Bollen, The influence of surface roughness and surface free energy on supra and subgingival plaque formation in man, 22 J. Clin. Periodontol. 1-14 (1995).
66. S.K. Roberts, et al., Biofilm Formation and Structure: What's New, *in* (H.N. Newman & M. Wilson, eds.), Dental Plaque Revisited 15-35 (1999).
67. L. Sbordone, et al., Recolonization of the subgingival microflora after scaling and root planning in human periodontitis, 61 J. Periodontol. 579-584 (1990).
68. H.E. Schroeder & M.A. Listgarten, The gingival tissues: The architecture of periodontal protection, 13 Periodontol. 2000 91-120 (1997).
69. M.L. Sharp, et. al., A test method to evaluate the efficacy of a formulation on plaque, tartar and mouth odor in dogs, Proc. World Vet. Dent. Congress 82-84 (1994).
70. B.G. Shearer, Biofilm and the dental office, 127 J. Am. Dent. Assoc. 181-189 (1996).
71. H.C. Slavkin, Biofilms, microbial ecology and Antoni Van Leerwenhock, 128 J. Am. Dent. Assoc. 492-495 (1997).
72. S.S. Socransky & A.D. Haffajee, The bacterial etiology of destructive periodontal disease: Current concepts, 63 J. Periodontol. 322-331 (1992).
73. S.S. Socransky & A.D. Haffajee, Evidence of bacterial etiology: A historical perspective, 5 Periodontol 2000 7-25 (1994).
74. P. Stoodley, et al., Biofilm Structure and Behavior: Influence of Hydronamics and Nutrients, *in* (H.N. Newman & M. Wilson, eds.), Dental Plaque Revisited 63-72 (1999).
75. J.M. Tanzer, On changing the cariogenic chemistry of coronal plaque, 6 (special issue) J. Dent. Res., 1576-1587 (1989).
76. D. van der Waaij, et al., Colonization resistance of the digestive tract in conventional and antibiotic-treated mice, 69 J. Hyg. Camb. 405-411 (1971).

77. J. Waerhaug, Healing of the dento-epithelial junction following subgingival plaque control, 49 J. Periodontol. 1-8 (1978).
78. Y.B. Wahlin & A.K. Holm, Changes in the oral microflora in patients with acute leukemia and related disorders during the period of induction therapy, 65 Oral Surg. Oral Med. Oral Pathol. 411-417 (1988).
79. E. Westfelt, et al., Significance of frequency of professional tooth cleaning for healing following periodontal surgery, 10 J. Clin. Periodontol. 148-156 (1983).
80. E. Westfelt, et al., The effect of supragingival plaque control on the progression of advanced periodontal disease, 25 J. Clin. Periodontol. 536-541 (1998).
81. D.E. Willmann & E.S. Chaves, The role of dental plaque in the etiology and progress of inflammatory periodontal disease, Primary Preventative Dentistry Publ. 63-76 (1999).
82. M. Wilson, Bacterial biofilms and human disease, 84(3) Science Progress 235-254 (2001).
83. M. Wilson, Susceptibility of oral bacterial biofilms to antimicrobial agents, 44 J. Med. Microbiol. 79-87 (1996).
84. M. Wilson & S. Pratten, Laboratory Assessment of Antimicrobials for Plaque Related Diseases, *in* (H.N. Newman & M. Wilson, eds.) Dental Plaque Revisited 503-522 (1999).